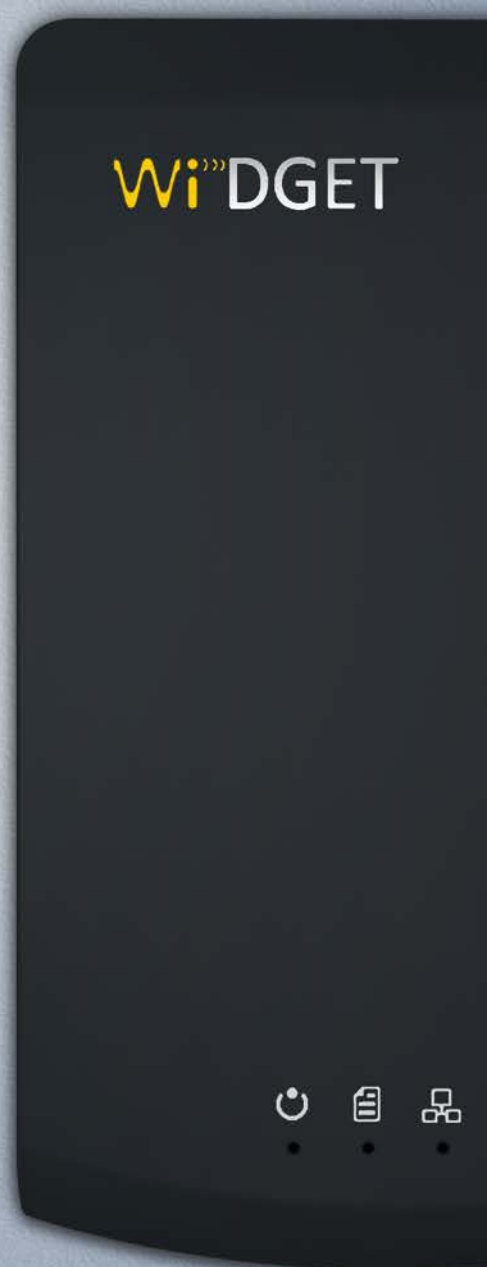


WiDRIVE WiDGET

Portable wireless storage with power bank

User Manual



■ Declarations, disclaimers, instructions of guiding

Note, Notice, Caution symbols among the user manual

Note!

Provide extra information for better use of the products.

Notice!

Indicate the behaviors that might cause a potential data loss on WiDRIVE or on the device that connects to it.

Caution!

Indicate the behaviors that might cause damage on product, human injuries, or death.

Declaration

The information contained in this document is subject to change without notice or obligation. The latest electronic edition of this user manual can be downloaded from EDSLAB's official website: http://www.edslab.com/support_cat.php. Copyright © 2012 EDSLAB Technologies Inc. All rights reserved.

Disclaimer

Any loss, corruption or destruction of data while using a WIDGET is the sole responsibility of the user, and under no circumstances will EDSLAB be held liable for the recovery or restoration of this data. To help prevent the loss of your data, EDSLAB highly recommends that you keep a least one copy of your data.

■ Safety and care instructions

Please read the following safety information prior to using WiDGET.

- Only qualified personnel should service WiDGET. Faulty installation or service may be dangerous and may invalidate any warranty applicable to WiDGET.
- WiDGET can cause interference to pacemakers, hearing aids, and medical equipment. Keep a safe distance from medical devices when operating it in such environments.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment with WiDGET.
- Switch your WiDGET off when you are in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks can cause an explosion or fire resulting in bodily injury or even death.
- Do not drop or knock WiDGET. Rough handling can damage the electronics board in WiDGET.
- Do not expose WiDGET to extreme temperature. Do not put WiDGET on heating devices such as microwave oven, stove, or radiator. The device may explode when overheated.
- Clean WiDGET surface with soft damp cloth. Do not use any cleaning agent.
- Keep WiDGET dry. Any precipitation, humidity, and liquids can corrode electronic circuits in WiDGET.

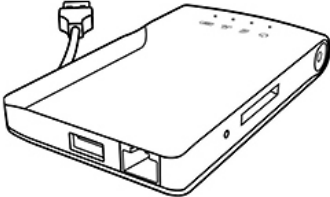
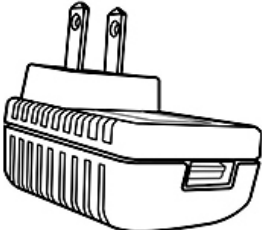
1. Introduction



Congratulations on your purchase of WiDRIVE WiDGET. You made an excellent choice and we hope you will enjoy all its capabilities. WiDGET is a wireless mobile device which can be a wireless router, a wireless storage (USB dongle / hard drive / SD card), a SD card reader or a power bank. Using WiDGET, you can share all the contents wirelessly to whomever and whenever you want to share with. Furthermore, you do not have to be worry about running out of the battery of your mobile device. Enjoy all the conveniences that WiDGET brings to you.

1.1 Package content

Your WiDRIVE WiDGET has shipped along with the following content. Please ensure you have all the following items.

WiDGET	DC 5V 2A power adapter	Quick start guide
		

1.2 Understand your WiDRIVE WiDGET

I. Overview of your WiDRIVE WiDGET



Note!

Please make sure WiDGET is fully charge for 5 hours by using adapter or charge 8 hours by connecting to the computer before the very first time.

Cautions!

- Keep this product in a dry place. Never place or use the product in wet or dirty conditions.
- Never throw this product into a fire.
- Never throw or drop this product under any circumstances.
- Changes or modifications to this product not expressly approved by EDSLAB, or operation of this product in any way other than as detailed by this User Manual, could void your manufacturer warranty.
- Never attempt to alter or disassemble the product. If there is a problem with the product please contact us for further assistance.

II. Understand the LED indicators

Indicator	Status	Indications
	Booting	 RED Blinking
	WiFi connecting	 RED & BLUE
	WiFi connect / System on	 BLUE
	Data transfer	 BLUE Blinking
	Shutdown	 RED Blinking
	SD Card on	 ON
	Data transfer	 Blinking
	SD Card off	 Off
	Cable connect	 On
	Data transfer	 Blinking
	Cable off	 Off
	charging	 RED
	Normal / Using	 BLUE
	Low battery	 RED Blinking

2. Functions

Before using WiDGET, knowing how to turn on/off the product is important.

[Power on your WiDGET]

Press the power button for 1 to 2 seconds, the  indicator will start to flash red. Your WiDGET will be ready when the indicator becomes blue.

[Shutdown your WiDGET]

Normal shutdown: Press the power button for 1 second or click “**Power off**” on the setting page in web control.

Force shutdown: Long press the power button for 3 seconds.

Note!

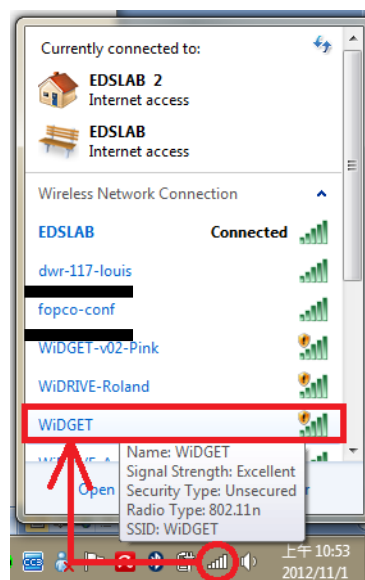
Performing force shutdown might cause potential data damage to the external storage connected to your WiDGET.

2.1 Wireless AP

Wireless AP allows you to transfer data by connecting wireless devices to a wired network. Such function contains 2 dimensions: wireless AP router and wireless storage. Here we are focusing on wireless AP router. Please refer to 2.2 for more information on wireless storage.

It's really simple to let your WiDGET be an AP router. Just follow the steps below.

- I. Connecting WiDGET to an Ethernet cable.
- II. Make sure your WiDGET is on.
- III. Searching the Wi-Fi network and connecting WiDGET as your wireless connection. Please make sure WiDGET is successfully connected to the Internet.



- IV. Wireless AP setup is done.



Note!

- WiDGET can be charged by power adapter at the same time.
- You can charge your smart phone while WiDGET is **NOT** charging.
- While connecting to the PC or notebook, WiDGET will serve as a SD card reader and turn off automatically.

2.2 Wireless storage

With the impressing innovation on our technology these days, instant exchange of dynamic information seems to be more essential than ever. Based on these facts, WiDGET is the best choice and easiest way to share your data. It's not only convenient to store files on the devices, moreover it streams the content to tablets, smart phones, or computers.

The following information will guide you to use WiDGET properly as the wireless storage, and a list of compatible devices and web browsers is stated below as well.

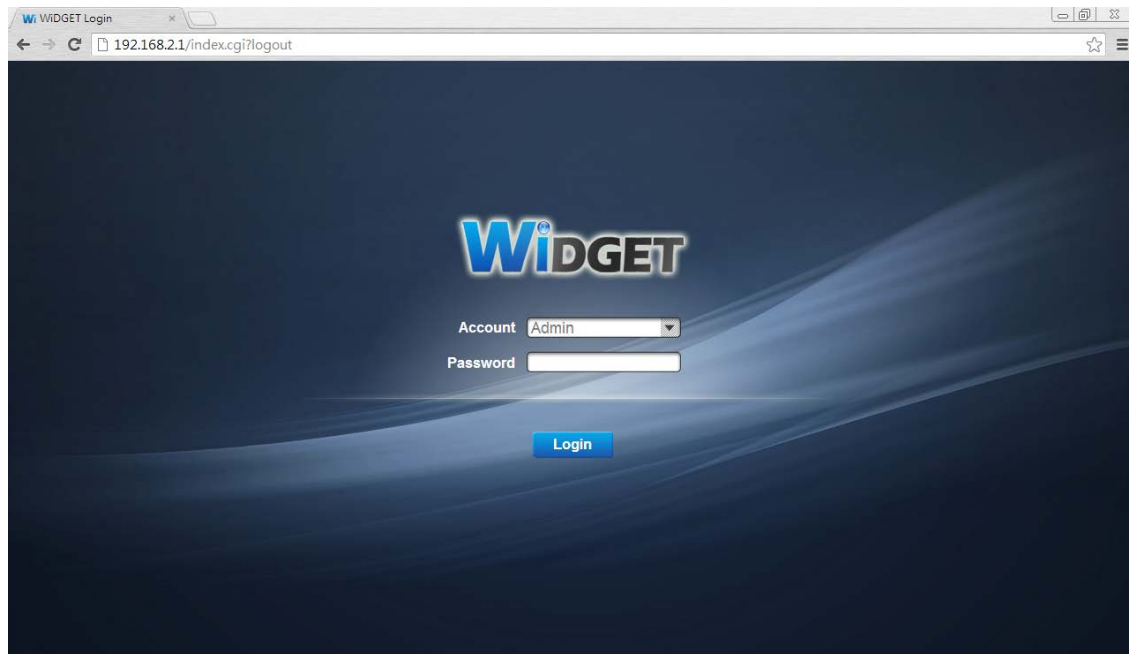
[For PC and Notebook] (More information about the usage of mobile devices, please refer 3.)

- I. To be a wireless storage
 - i. Switch on WiDGET.
 - ii. Insert a SD card (SDXC supported), USB dongle or an external HDD into WiDGET.

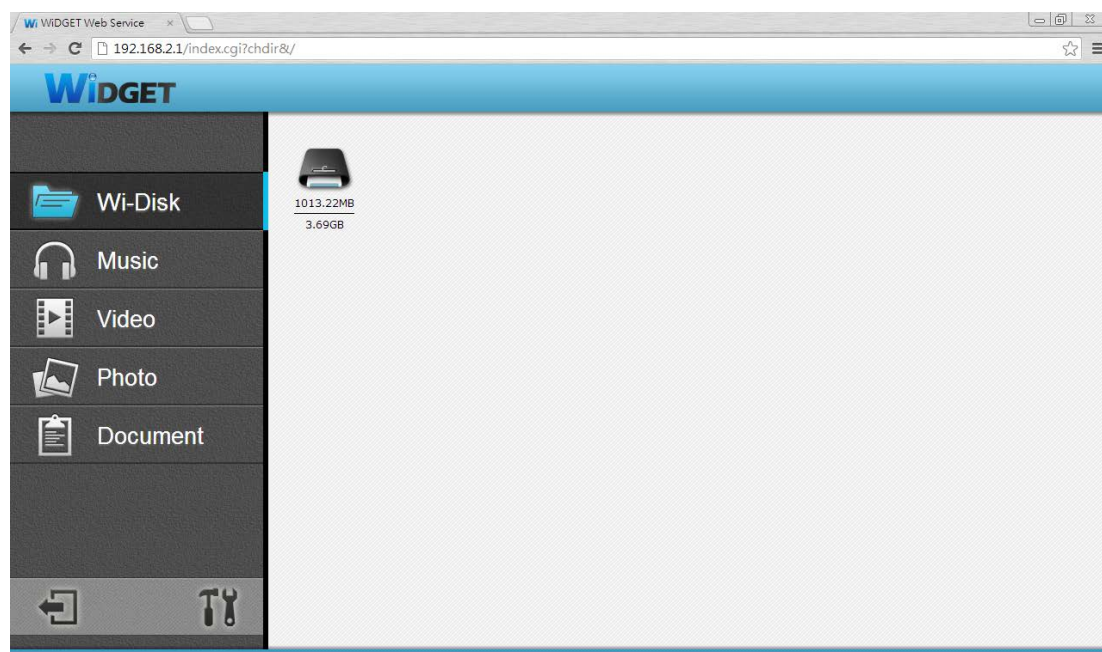


- iii. Search and Connect Wi-Fi signal of WiDGET.

- iv. Launch an internet browser and key in the IP address “192.168.2.1” for directing to the login page of WiDGET.
- v. On the login page, select the default username “Admin” and key in the account password “admin” (all in lower-case) in textboxes to login.



- vi. You can operate or browse your data after enter WiDGET's home page successfully.



II. Web User Interface Introduction

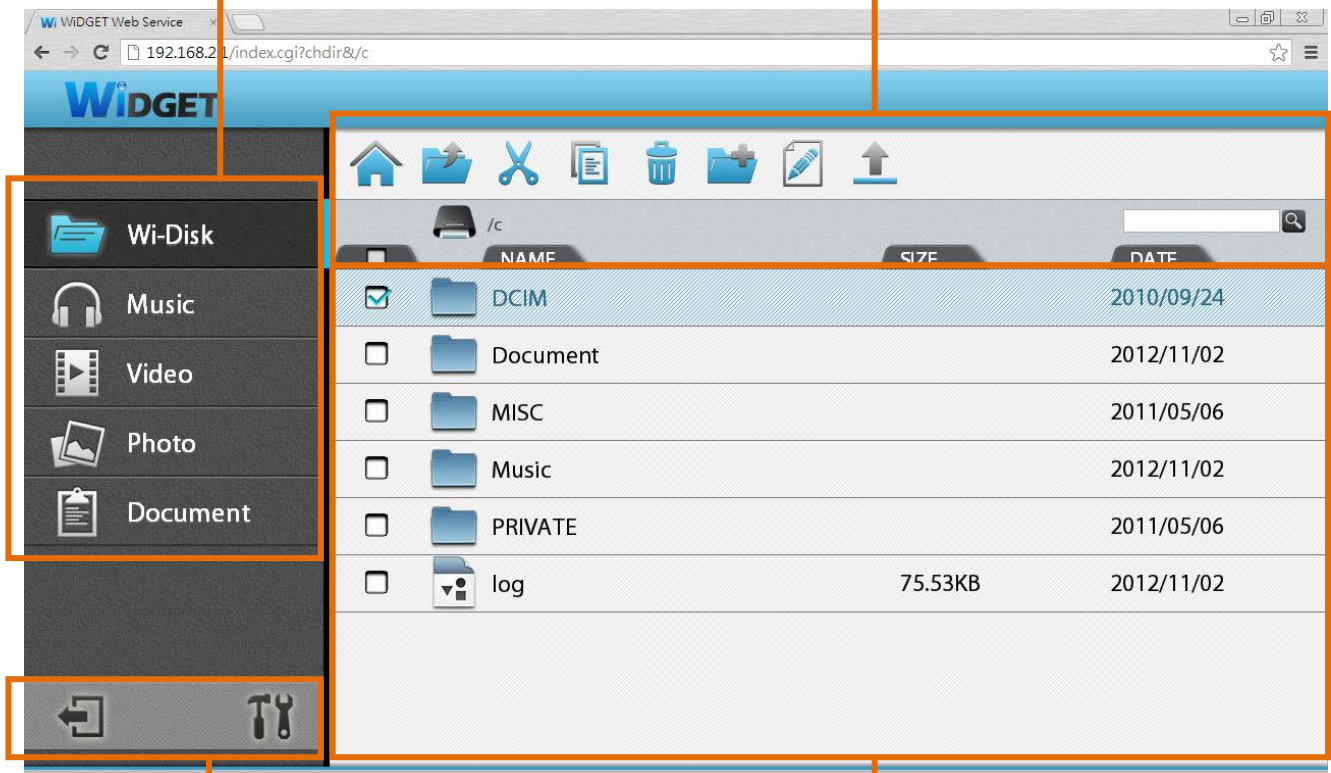
After getting in the web folder, the entire page is divided into 4 main sections.

Links

List down all the default categorized items, just click for entering.

Operation Bar

The actions you take on the selected file(s) or folder(s). It also includes a search box for you to type in the keyword.



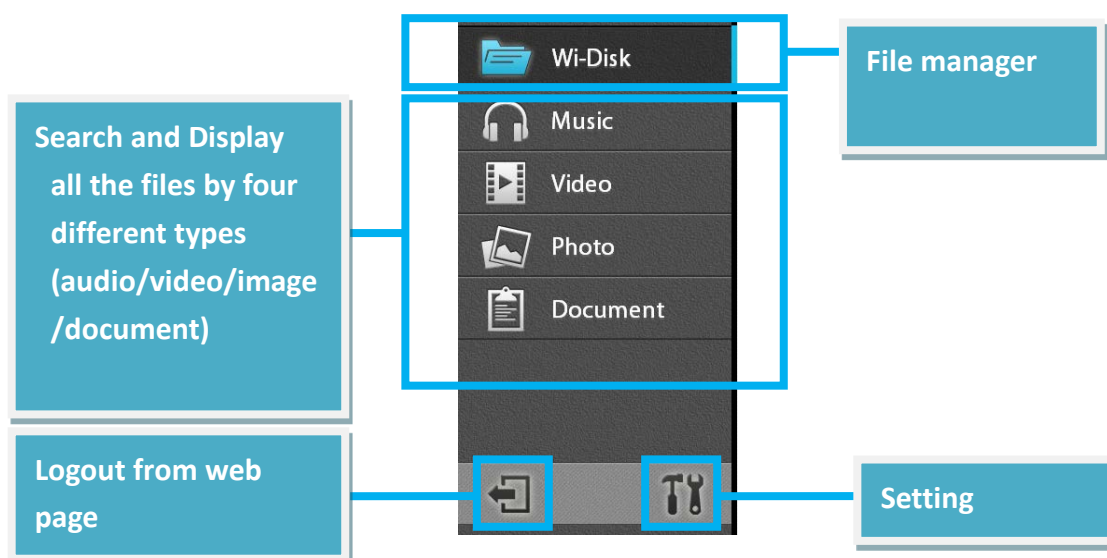
Actions

You can set your WiIDGET or logout from it.

Operation Display

Display the file(s) and folder(s) in the location you are navigating or operating.

i. Links

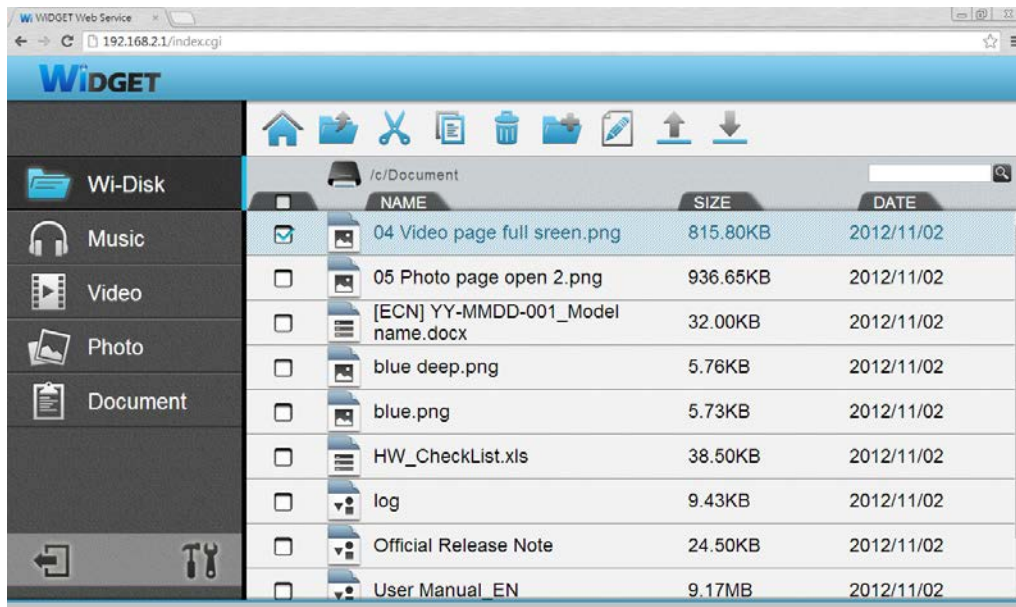


ii. Introduction of operation icons

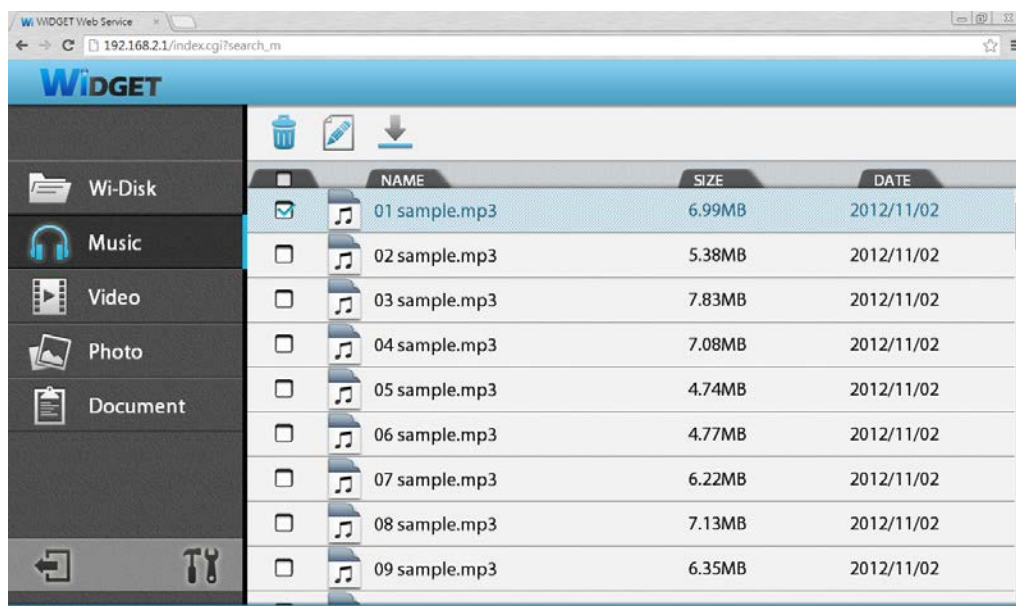
Icon	Function	Description
	Home	Back to web folder 
	Up	Go up one directory/folder.
	Cut	Cut the selected file(s) or folder(s).
	Copy	Copy the selected file(s) or folder(s).
	Paste	Paste the file(s) or folder(s) you have cut or copied.
	Delete	Delete the selected file(s) or folder(s).
	New folder	Create a new folder in current location.
	Rename	Rename the selected file(s) or folder(s).
	Upload	Upload your file(s) from your device to WiDGET.
	Download	Download file(s) from WiDGET to your device.
	Search	Type in keyword and then click on  to start searching.

iii. Page overview

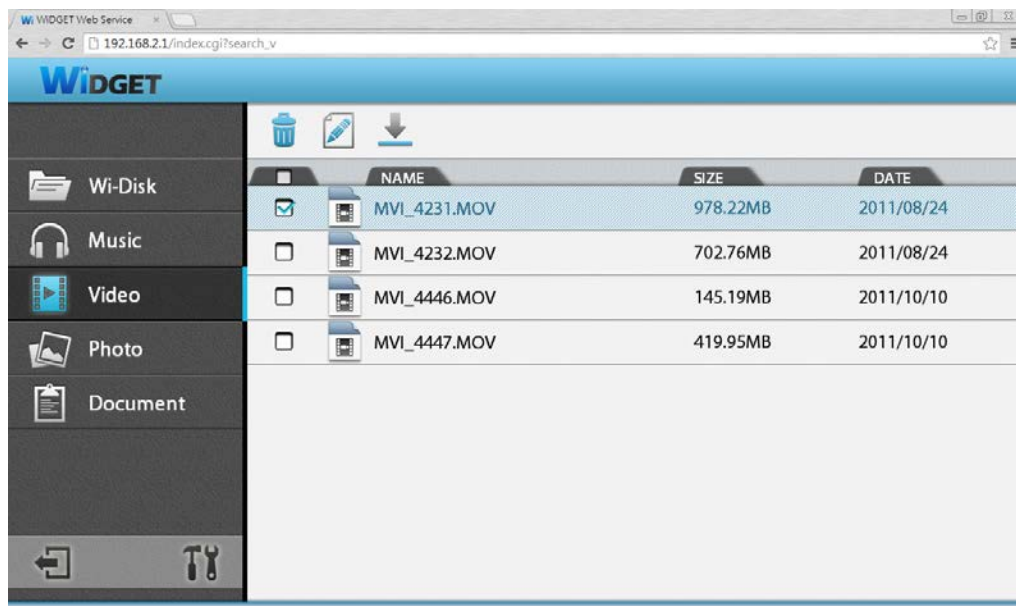
- **Wi-Disk:** This page is your file management page. It shows all the files located in your WiIDGET. You can do any file search here as well. Besides, you can click on NAME, SIZE or DATE tags to display your file(s) or folder(s) in different order.



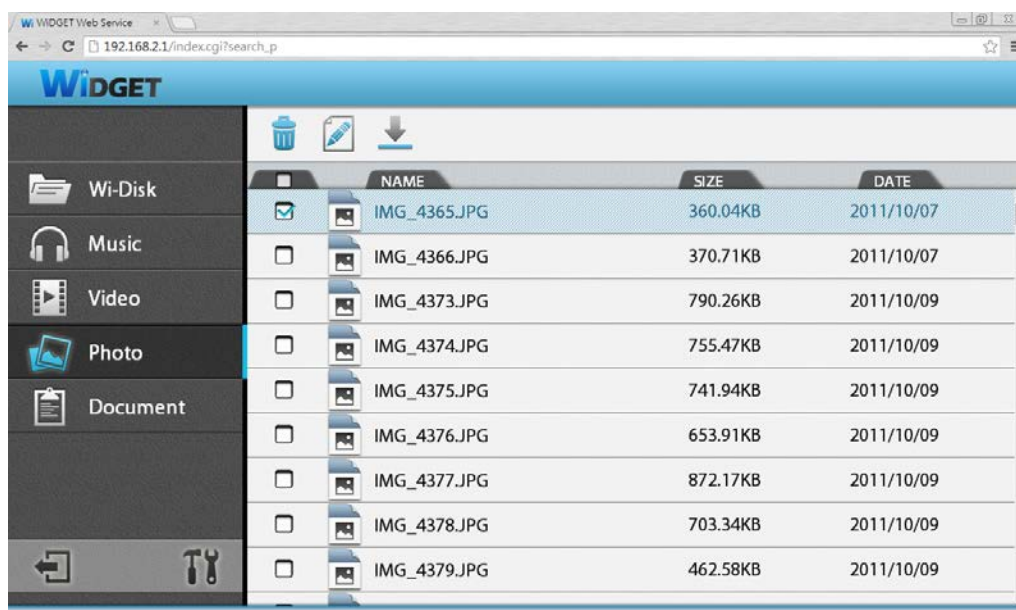
- **Music:** All the audio files will be listed here. Supported File formats include WAV, MP3, AAC and M4A.



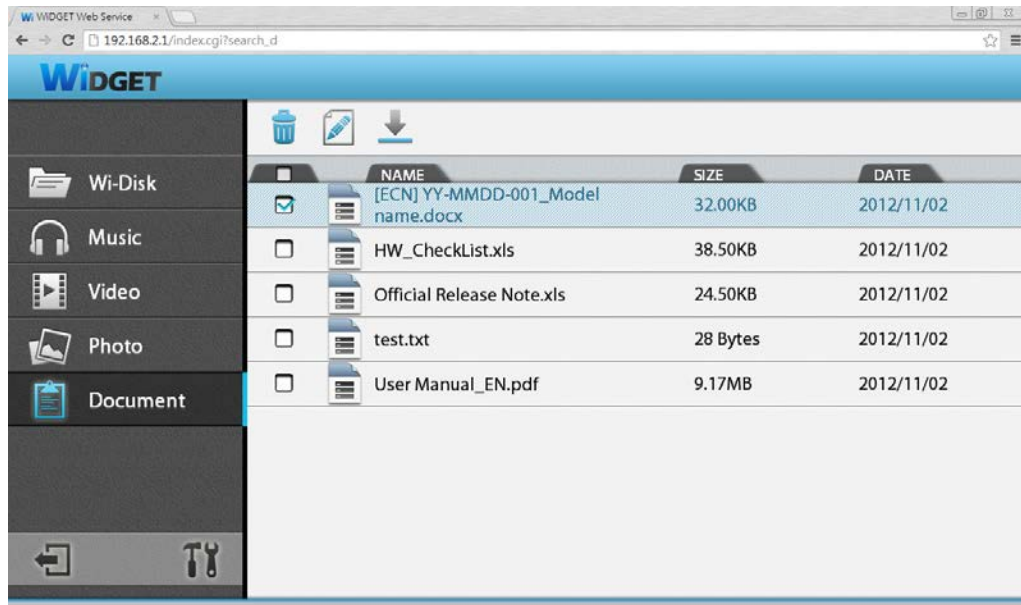
- Video: All the video files will be listed here. Supported File formats include [RMVB](#), [MP4](#), [AVI](#), [M4V](#), [MOV](#) and [MPEG](#).



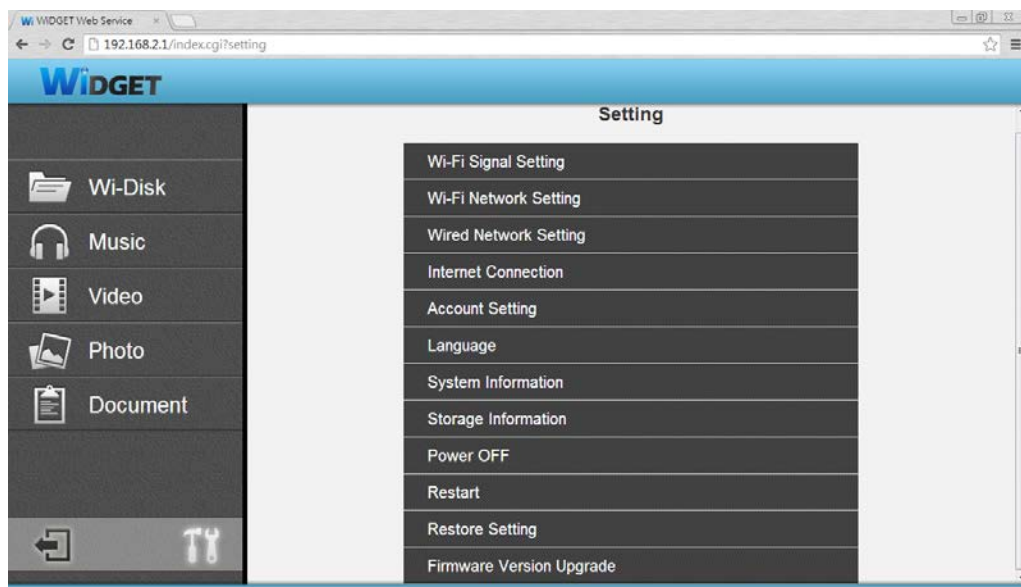
- Photo: All the image files will be listed here. Supported File formats include [JPG](#), [GIF](#), [PNG](#), [TIFF](#) and [BMP](#).



- Document: All the document files will be listed here. Supported File formats include PDF, XLS, DOC, DOCX, PPT, PPTX, TXT, RTF, HTM and HTML.



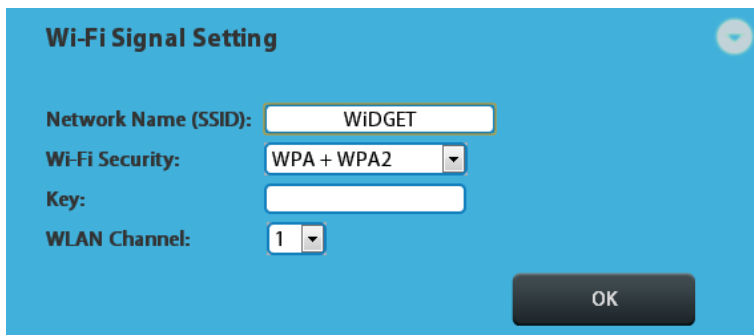
- Setting page: You can set up your WiIDGET here. The items can be set or altered include Wi-Fi signal, Wi-Fi network, wired network, internet connection, account, language, power off, restart, restore and firmware version upgrade.



Note!

After finishing Wi-Fi signal, Wi-Fi network, wired network and internal connection settings, remember to restart the WiIDGET so the changes can be applied.

A. Wi-Fi signal setting: Network name (SSID), Wi-Fi security and WLAN channel setting.



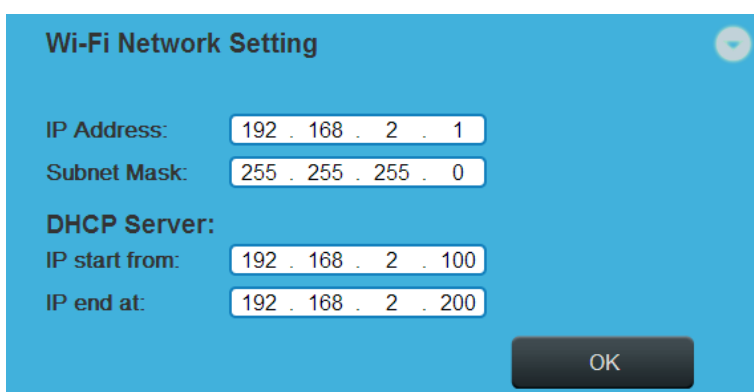
The image shows a 'Wi-Fi Signal Setting' window with a blue background. It contains four input fields: 'Network Name (SSID)' with the value 'WiDGET', 'Wi-Fi Security' with a dropdown menu showing 'WPA + WPA2', 'Key' with an empty text box, and 'WLAN Channel' with a dropdown menu showing '1'. An 'OK' button is located at the bottom right.

Note!

After finishing Wi-Fi signal settings, remember to click on the “OK” button to save the changes.

Network name (SSID)	This is the wireless network name of your WiDGET. It must be identical on all points of the wireless network and cannot exceed 32 characters.
Wi-Fi security	● If you select “None” from the dropdown bar, your wireless network will transfer data without safety encryption. ● Otherwise, select a security rule and then enter the password in the “Key” column to enable the safety protection. The security capability from basic to strict: WEP 64 bit → WEP 128 bit → WPA → WPA2 → WPA+WPA2 Note! The higher security with the slower compute.
WLAN channel	You can manually assign a channel from 1 to 11 to your WiDGET.

B. Wi-Fi network setting: IP address, subnet mask and DHCP server setting.



The image shows a 'Wi-Fi Network Setting' window with a blue background. It contains five input fields: 'IP Address' with '192 . 168 . 2 . 1', 'Subnet Mask' with '255 . 255 . 255 . 0', 'DHCP Server' section with 'IP start from' set to '192 . 168 . 2 . 100' and 'IP end at' set to '192 . 168 . 2 . 200'. An 'OK' button is located at the bottom right.

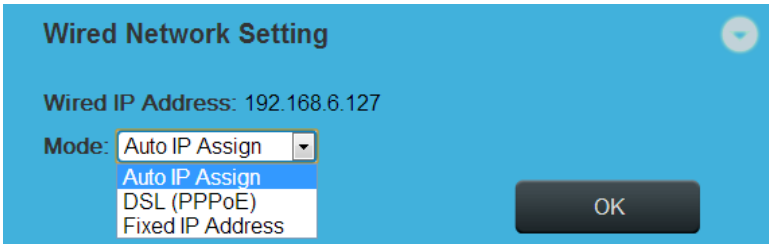
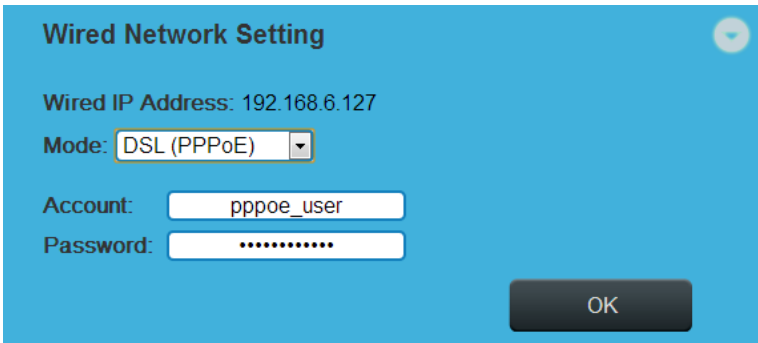
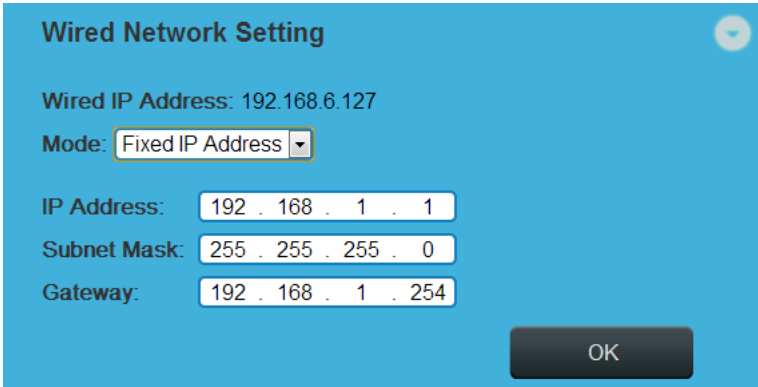
Note!

After finishing Wi-Fi network settings, remember to click on the “OK” button to save the changes.

IP address	The default value is: 192.168.2.1, however you can always manually assign an IP address to your WiDGET.
Subnet mask	You can manually assign the subnet mask of your WiDGET. We strongly suggest you use the default value: 255.255.255.0.

IP start from	The start of the range of IP available for your WiDGET network.
IP end at	The end of the range of IP available for your WiDGET network.

C. Wired network setting: Auto IP assigns, DSL (PPPoE) and fixed IP address setting.

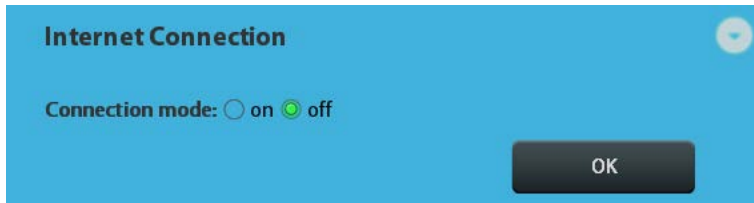
Configure how your WiDGET connects with the internet.	
Auto IP assign	This is the default setting. Your WiDGET obtains from a DHCP server.  The screenshot shows the 'Wired Network Setting' dialog box. The 'Wired IP Address' is 192.168.6.127. The 'Mode' dropdown is set to 'Auto IP Assign', with a list of options: 'Auto IP Assign', 'DSL (PPPoE)', and 'Fixed IP Address'. An 'OK' button is at the bottom right.
DSL (PPPoE)	Choose PPPoE (Point to Point Protocol over Ethernet) if your ISP uses a PPPoE connection.  The screenshot shows the 'Wired Network Setting' dialog box. The 'Wired IP Address' is 192.168.6.127. The 'Mode' dropdown is set to 'DSL (PPPoE)'. Below it, there are fields for 'Account' (pppoe_user) and 'Password' (masked with dots). An 'OK' button is at the bottom right.
Fixed IP address	Fill in IP address, subnet mask and gateway if a static connection method is used.  The screenshot shows the 'Wired Network Setting' dialog box. The 'Wired IP Address' is 192.168.6.127. The 'Mode' dropdown is set to 'Fixed IP Address'. Below it, there are fields for 'IP Address' (192 . 168 . 1 . 1), 'Subnet Mask' (255 . 255 . 255 . 0), and 'Gateway' (192 . 168 . 1 . 254). An 'OK' button is at the bottom right.

Note!

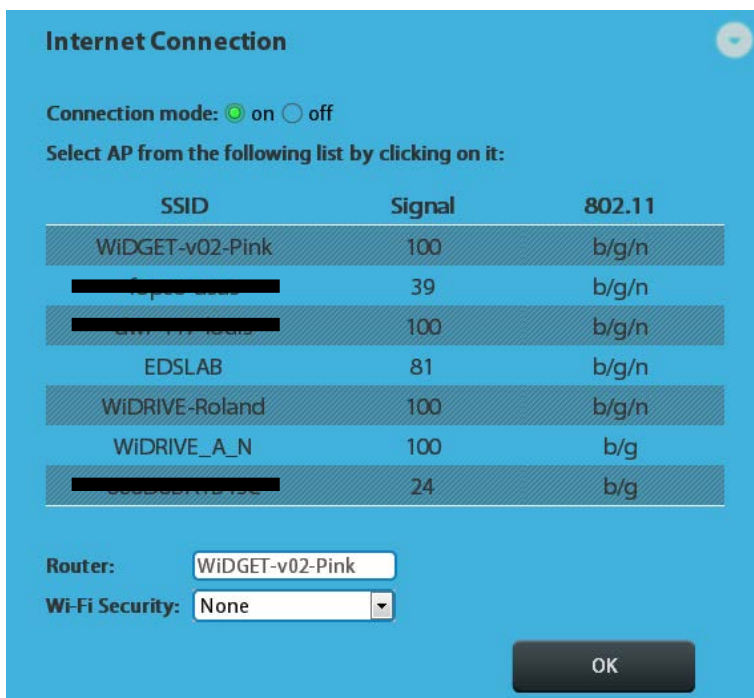
After finishing wired network settings, remember to click on the “OK” button to save the changes.

D. Internet connection

In internet connection mode, WiDGET is able to be a wireless client, connecting to an Access Point wirelessly and enabling Internet connectivity wherever you want.



- Click on to active the internet connection mode.
- This function will scan all of the Access Point within range and configure the SSID and the type of Security to associate with it.
- Input the Encryption password of the Access Point.
- Click OK.
- The notice message will occur, you may restart the device now or later to activate the internet connection mode.



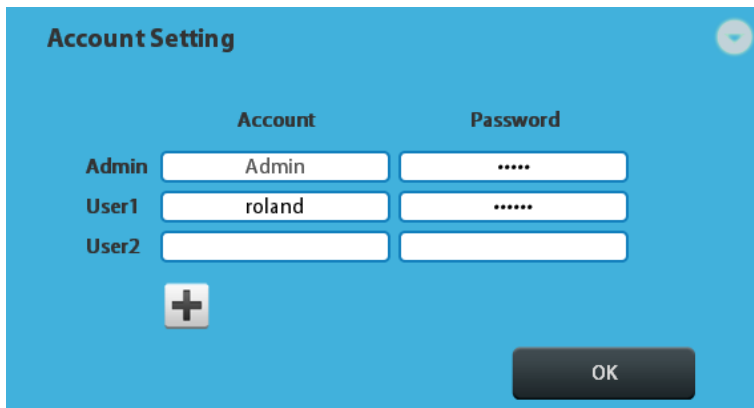
Note!

The Access Point information will now be saved in the WiDGET. You will not have to redo every single time unless you change the Access Point, Type Security or the Password

- E. Account setting: Account setting for 1 administrator and 8 users. You can click on the  button to add the accounts for users.

Note!

After finishing Account settings, remember to click on the “OK” button to save the changes.

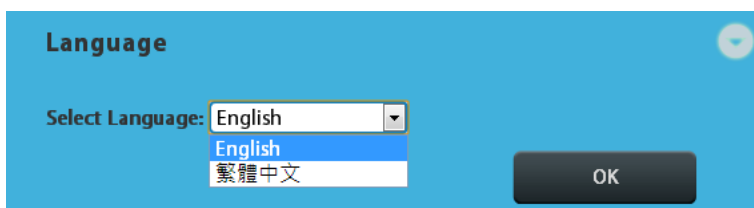


The 'Account Setting' interface has a blue header with the title 'Account Setting' and a refresh icon. Below the header, there are two columns: 'Account' and 'Password'. Under 'Account', there are three rows: 'Admin' with the value 'Admin', 'User1' with the value 'roland', and 'User2' with an empty field. Each row has a corresponding password field with masked characters (dots). Below the 'User2' row is a plus button. At the bottom right is an 'OK' button.

Account type	Administrator	User
Number of accounts	1	8
Function access rights	Have the access rights to all functions including the right of setting.	Have the access rights to all functions except the right of setting.

- F. Language: Select Language

You can select language from the dropdown bar, and remember to click on the “OK” button to change the display language.



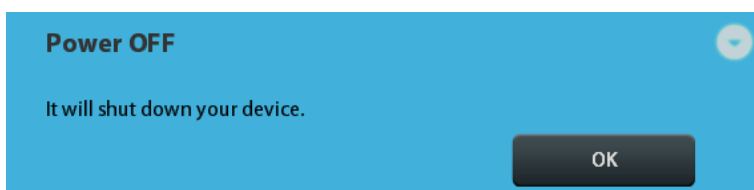
The 'Language' interface has a blue header with the title 'Language' and a refresh icon. Below the header, there is a label 'Select Language:' followed by a dropdown menu. The dropdown menu is open, showing 'English' as the selected option, with 'English' and '繁體中文' as other visible options. At the bottom right is an 'OK' button.

- G. Power off: Shut down your WiDGET

You can shut down WiDGET via WEB page. Just click on the “OK” button to power off your device.

Note!

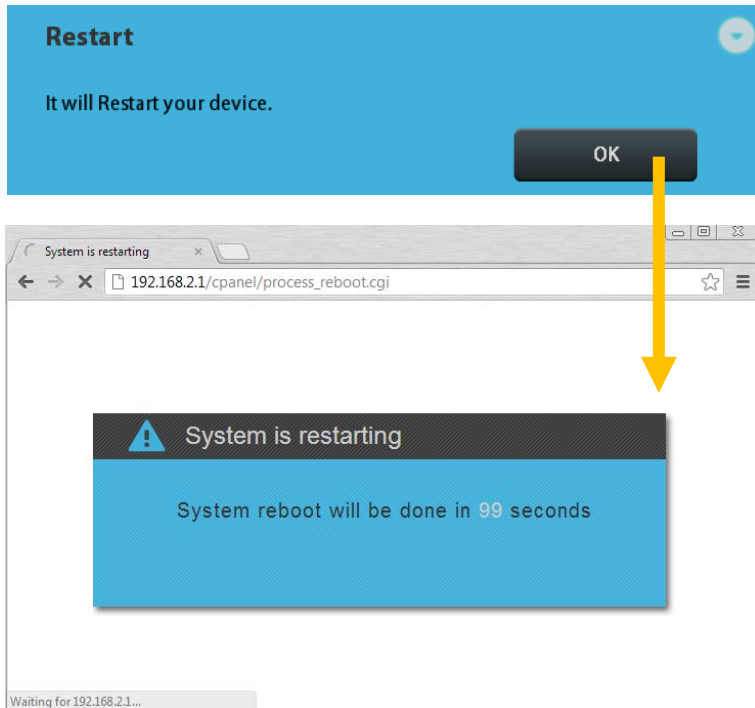
The  LED indicator blinks between red and blue when processing shutdown.



The 'Power OFF' interface has a blue header with the title 'Power OFF' and a refresh icon. Below the header, there is a message 'It will shut down your device.' At the bottom right is an 'OK' button.

H. Restart: Restart your WiDGET

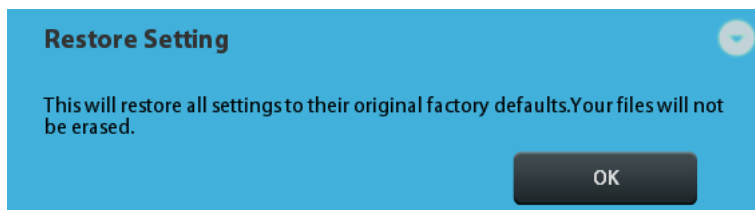
You can restart WiDGET by just click on the “OK” button on this WEB page. If you change some settings, it will take effect after 120 seconds restarting.



Note!

The  LED indicator blinks between red and blue when processing restart.

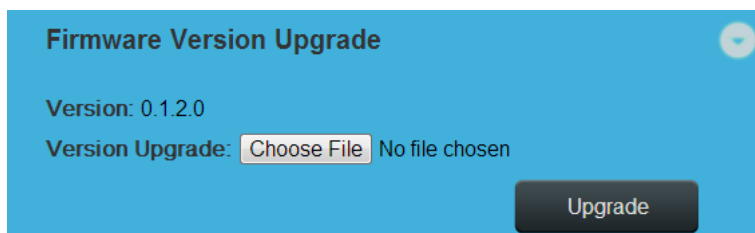
- I. Restore setting: It will restore all the settings to the original factory defaults without any files being erased. You can also press the Reset button in the middle case for the same operation.



Note!

The  LED indicator blinks between red and blue when processing restore.

J. Firmware version upgrade: Making an upgrade on WiDGET firmware



You can upgrade your WiDGET to the latest firmware to improve the performance. Before upgrading firmware, please make sure you have the latest firmware downloaded to the device your

browser runs on. And then click on the “Choose File” button to locate the firmware file on your device. Finally, click on the “Upgrade” button and wait for your WiDGET to restart. The  LED indicator blinks red and blue during upgrade.

Notice!

You can always check the latest firmware from our support site:

http://www.edslab.com/support_cat.php

- K. System information and Storage information: These two are for reference only and cannot be modified.

System Information

Version: 0.1.3.3

Wi-Fi Status

Network Name (SSID): WiDGET

Wi-Fi Security: None

WLAN Channel: 1

Wi-Fi IP Address: 192.168.2.1

Wi-Fi MAC Address: 00:18:5C:FF:01:42

Wired Network Status

Wired IP Address:

Wired MAC Address: 00:18:5C:FF:01:43

Internet Connection Status

Connected SSID:

IP Address Obtained:

Storage Information

Disk: c

Total: 3.69GB

Free: 948.03MB

Used: 2.76GB

III. List of compatible devices and web browsers

i. Recommended Operation System and portable devices

- Microsoft Windows XP, Windows 2003, Windows Vista, Windows 7 or Windows 8
- Mac OS® X 10.5.8 or later operating systems
- Android 2.3 and above
- iOS 4 and above
- Other Wi-Fi-enabled tablets and smart phones

ii. Recommended web browsers

- Internet Explorer® 8 or later versions (Windows)
- All versions of Mozilla Firefox®
- All versions of Google Chrome™
- Safari® 5 or later versions (Mac OS)

2.3 SD card reader

The setup method and usage are similar to other SD card readers sold in the market.

- I. Insert your SD card properly into the slot located on the left side of WiDGET.
- II. Connect WiDGET to the computer by the USB cable attached to WiDGET. Make sure the computer is on and the device is plugged into the USB port on the computer correctly.
- III. As soon as your computer recognizes the removable disk, you may start uploading files from SD card to the computer or the other way around.

Note!

- In addition to file transferring, WiDGET's built-in battery is being charged while the device is connecting to the computer.
- With such connection, WiDGET itself cannot be turned on so that it is unable to work as power bank or make any wireless transmission at the time.
- The memory capacity of SD card which WiDGET can support is up to 64 GB.

2.4 Power bank

EDSLAB WiDGET is compatible with many devices by using an A type USB plug, making it a versatile companion for your daily life.

- I. Charge your mobile device support up to 5V 1.5A
 - i. Before charging your mobile devices, make sure that your USB cable came with a type A plug.
 - ii. Plug into the USB host on the top of WiDGET.
 - iii. Charging will only occur when the WiDGET is power on.

Note!

- Charging is only for current smart phones. It is not design for Tablets, Pads or any other device.

- When WiDGET is being a SD card reader or charging itself, the function of power bank will be unavailable.

Notice!

Other external cable might interfere with the function of WiDGET.

II. Battery recharge

There are two ways to recharge WiDGET.

- i. Connect WiDGET to your computer with the built-in USB cable.
- ii. Connect the built-in USB cable to the power adapter, and then plug it into the wall or surge protector outlet.

When charging begins, the red charge indicator lights up immediately and it goes off spontaneously once the charging has completed.

Note!

Please recharge your WiDGET when you see the battery indicator is blinking in red.

Caution!

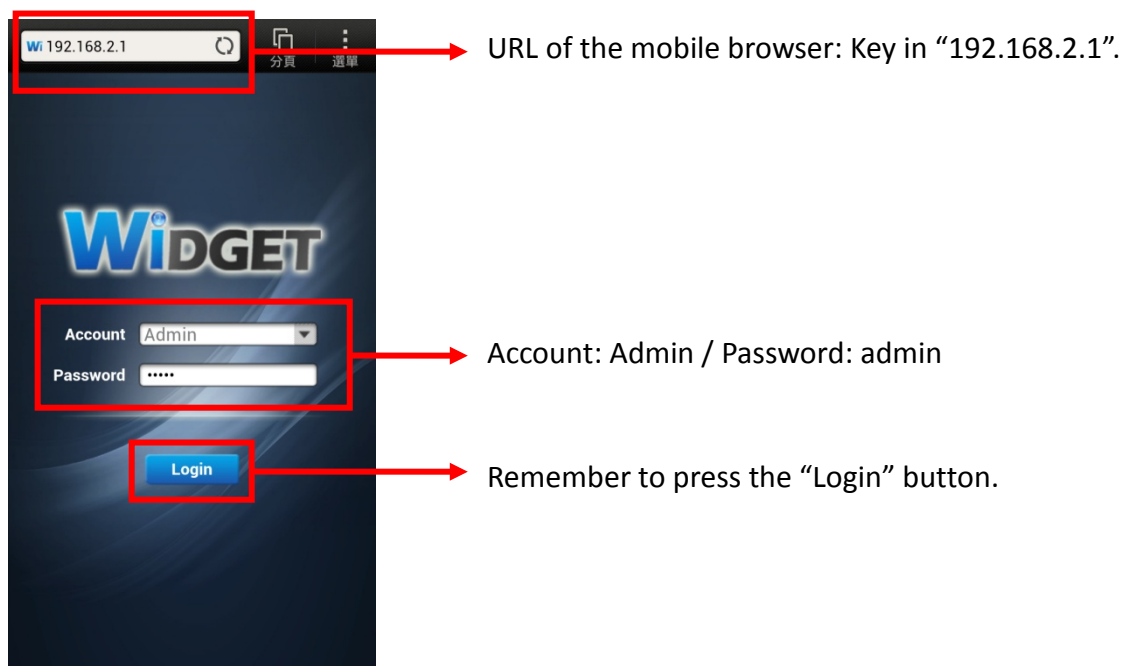
Please do not attempt to use a different power adapter on WiDGET. Using other power adapter may damage WiDGET and will void the manufacturer warranty.

3. Usage in your mobile devices

You can also use WiDGET with your mobile devices such as smart phones, PADs or any devices with Wi-Fi. There are 2 ways to use with your mobile devices: mobile web browsers and APP. Please refer to the following paragraph.

3.1 Mobile web browsers

- I. Turn on your WiDGET first, and make sure your device is connecting to the WiDGET through Wi-Fi.
- II. Open the web browser on your mobile device and type in “192.168.2.1” in the URL (Uniform Resource Locator) for searching.
- III. After searching, you will be redirect to the WiDGET login page.



Note!

The difference between PC browser and mobile web browser is “Download” function. There is no “Download” function supported in the mobile web browser.

3.2 APP

“EDSLAB WiDRIVE” is a free APP for everyone. It is an easy way for you to do the data transmits or streams which are in the WiDGET. It is an easy way for you to transmit or stream data in the WiDGET. Just follow few easy steps as below for using “EDSLAB WiDRIVE”.

- I. Please scan the QR code below or search and download “EDSLAB WiDRIVE” in the APP store.

	Available on the App Store	ANDROID APP ON Google play
		

- II. As soon as you finish downloading & installing “EDSLAB WiDRIVE”, you can launch the APP and have fun with it.
- III. The first time you use the APP, please key in these information in your login page.

- i. Default Username: Admin
- ii. Default Password: admin
- iii. Default Host: (IP Address) 192.168.2.1

Login page of iOS	Login page of Android
	

IV. Now, you can enjoy the convenient that the APP brings to you.

4. Specification

Dimension	● 118.5 X 73 X 17.2 mm
Weight	● 150g
Wireless Connection	● IEEE 802.11b/g/n, speed up to 300 Mbps ● 2.4 GHz ● 2T2R ● Wireless bridge
Security	● WEP 64 bit, WEP 128 bit, WPA, WPA2, WPA+WPA2 ● Password protected access

Battery	● Li-Polymer battery 3300 mAh ● Continuous time - 4 hours (One function at a time) ● Standby time - 8 hours
External storage support	● SDXC card slot ● USB 2.0 dongle ● Power Bank for Smart Phones ● 10 / 100 LAN connection
Application	● FTP server ● SAMBA server (My network space) ● Web server ● APP(Android, iOS) ● DHCP
Regulatory	● FCC, CE, RoHS
Other	● PPPoE, Dynamic IP, Static IP ● Support smart phones, tablets, PCs and handheld game consoles
Plug and play	● Insert the SD card and share the pictures instantly ● Browse the files while sharing the wireless ● As a AP router / power bank / SD card reader / portable wireless storage

5. Regulatory information

1.1 FCC Compliance

Model: WiDGET / FCC ID: WYRWIDGET

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device,

pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

1.2 CE Compliance

1.3 NCC Compliance

6. Trouble shooting

Question	Answer
How should I know whether WiDGET is power-on properly?	If the LED indicator still blinks in red after 40 seconds you press the power button, please shut down your WiDGET and reboot.
What should I do if the red light does not go up while my WIDGET is	Please contact the store you purchased the product for help.

charging?	
Why can't I transmit data to SD Card?	Please make sure your SD Card is unlocked.
Why my WiDGET cannot show the files in my SD Card/External storage?	Please reboot your WiDGET to reload.
Are there APPs for WiDGET?	We have APPs for Android and ios devices, kindly go to APP Store and search "EDSLAB WiDIRVE" to download from there.
Why WiDGET can't play my video?	The video formats WiDGET supports include RMVB, MP4, AVI, M4V, MOV and MPEG; however, all video files are played by the media APPs previously installed on your phone, problems may occur when you play a video file format your device does not support.
Can I change the default IP address (192.168.2.1) of WiDGET?	Yes, you can change the default IP address.
How do I reset the WiDGET back to factory default settings?	You can reset WiDGET through webpage or press reset button on the WiDGET. There is a reset button next to the SD Card slot on the WiDGET. It can only be accessed by using a pin or paper clip. With the WiDGET on, press and hold this button for about 5 seconds. This will not delete any data on the drive but it will remove any changes to the network I.D., password, etc.

7. Contact information

For the latest application and support document downloads you can visit EDSLAB website: <http://www.edslab.com/>.

For technical support please contact support@edslab.com.

For general inquiries please contact sales@edslab.com.

OUR VISION

Due to the mature development of multimedia devices (PC/PAD/Smart phone), more and more content must be stored or managed through different interfaces. Therefore, a simple friendly user interface has become an essential issue for all devices. As being a customer-oriented company, our products allow users to easily access their data via any device so that they can centralize, manage and share the data only in single place. In other words, EDSLAB's products with cloud and APP can give you the simplest way to enjoy your daily digital life!